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                 U.S. patents
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         SEP 09 50 Millionth Unique Chemical Substance Recorded in
                 CAS REGISTRY
NEWS 19 SEP 11 WPIDS, WPINDEX, and WPIX now include Japanese FTERM
                 thesaurus
```

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4, AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 10:26:21 ON 12 SEP 2009

=> file reg
COST IN U.S. DOLLARS

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.22
0.22

FILE 'REGISTRY' ENTERED AT 10:26:29 ON 12 SEP 2009 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the  ${\tt ZIC/VINITI}$  data file provided by InfoChem.

STRUCTURE FILE UPDATES: 11 SEP 2009 HIGHEST RN 1182870-06-9 DICTIONARY FILE UPDATES: 11 SEP 2009 HIGHEST RN 1182870-06-9

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\Stnexp\Queries\10549300-4.str

```
chain nodes :
7  12  13  14  18
ring nodes :
1  2  3  4  5  6
chain bonds :
5-7  7-18  13-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  7-18  13-14
isolated ring systems :
containing 1 :
G1:C,O,S,N
```

G3:[\*1],[\*2]

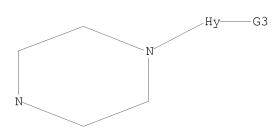
L1 HAS NO ANSWERS

STR

L1

```
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 12:Atom 13:Atom 14:CLASS
18:CLASS
Generic attributes :
7:
Saturation
                     : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : Exactly 1
Type of Ring System : Monocyclic
12:
                     : Unsaturated
Saturation
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic
13:
Saturation
                     : Unsaturated
Number of Carbon Atoms : less than 7
Number of Hetero Atoms : 2 or more
Type of Ring System : Monocyclic
Element Count :
Node 7: Limited
   C,C5
   N,N1
   0,00
   S,SO
Node 12: Limited
   N,N2
   C,C4
   0,00
   S,S0
Node 13: Limited
   N, N2
   C,C4
   0,00
    S, S0
L1 STRUCTURE UPLOADED
=> d 11
```

Cy Cy O—Cy



G1 C,O,S,N G2 C,O,S,N G3 [01],[02]

- -, - -

Structure attributes must be viewed using STN Express query preparation.

0 ANSWERS

=> s 11 sss sam SAMPLE SEARCH INITIATED 10:26:55 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 158516 TO ITERATE

1.3% PROCESSED 2000 ITERATIONS INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED) SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*INCOMPLETE\*\* BATCH \*\*INCOMPLETE\*\* PROJECTED ITERATIONS: 3146773 TO 3193867 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.48
0.70

STN INTERNATIONAL LOGOFF AT 10:27:01 ON 12 SEP 2009